* SWBAT define, measure, and graph motion and speed

*review the concepts before the test

Sep 6-2:31 PM

SECA Physics
Thursday 8 October 2015

Welcome!!!

H. Leslie Grebe

* Pick up:
  - slip of paper (for later)
  - get 1/2 graph sheet and data

Opening Activity:

Distance from 1m to 2m

Time went from 1.31s to 3.02 s

$S = \frac{\Delta d}{\Delta t}$

How do we find the speed?

Centering...

$S = \frac{2m - 1m}{3.02s - 1.31s} = \frac{1m}{1.71s} = 0.58 \frac{m}{s}$

Sep 7-7:04 AM

Catchy Physics Phrases...

Speed is

Change in distance over change in time

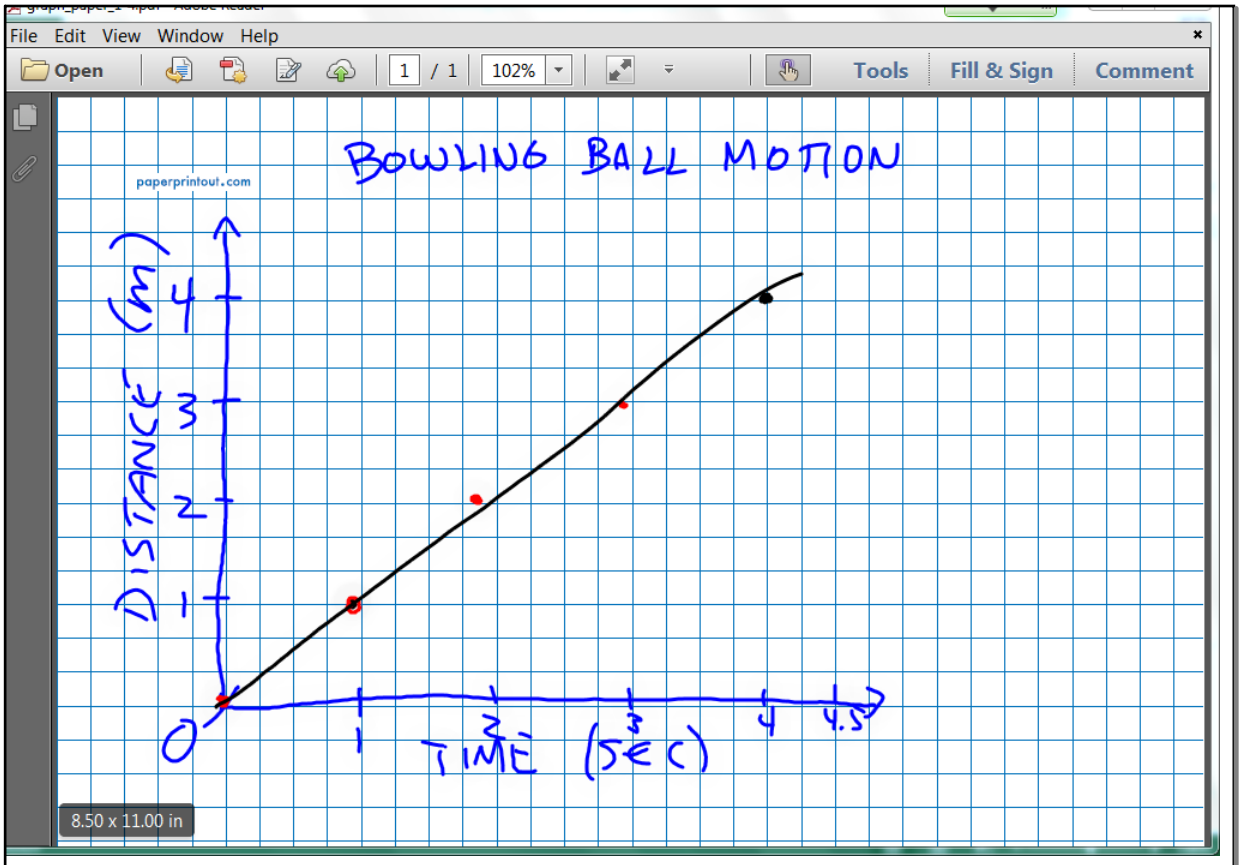
Centering...

$$\text{SPEED} = \frac{\Delta d}{\Delta t}$$

EQUALS CHANGE IN

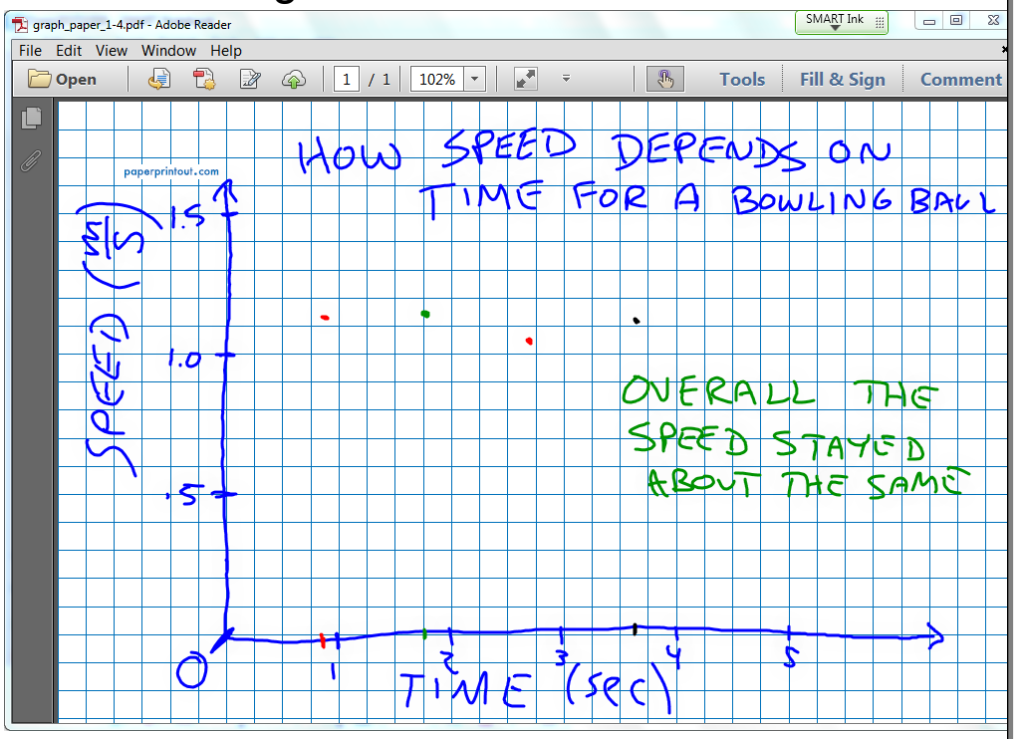
Let's make a graph together...

Oct 4-7:27 AM



Oct 1-11:13 AM

Let's each graph speed and time for the bowling ball...



Oct 8-9:19 AM

Test next week!

Review all the concepts

Oct 8-9:20 AM

Daily 3 Questions

* Every day except test/project days
* 3 Questions on the topics of the day
* Main source of daily points
* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Speed is change in distance over change in _____.
   A. Force
   B. Position
   C. Time

2. True or False: A good graph should connect the dots.

3. During our experiment, the bowling ball's speed generally
   A. decreased a lot
   B. stayed about the same
   C. increased a lot

Sep 14-7:28 AM